BOOSTER®

THE PERFECT SOUND

## 8" TFT LCD COLOR MONITOR/TV

# BM-8800TV

# User's Manual

www.boosteraudio.com

Thank you for purchasing the TFT LCD color monitor. To enjoy the features of this device and to ensure years of trouble-free operation, please read this manual carefully and follow the instructions.

**WARNING:**

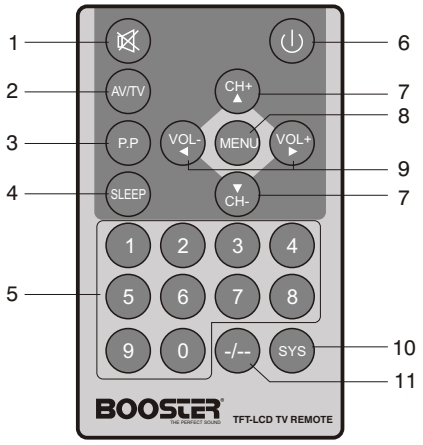
Hazard do not operate this unit unless vehicle is parked in safe and legal area.

## Features of Product

| | |
|---|---|
| Product | 8 Inch TFT-LCD monitor |
| Type | TFT-LCD |
| Display size | 8 Inch |
| Resolution | 480xRGBx234 |
| Model | (PAL, NTSC) / (PAL, NTSC, SECAM) |
| Rated voltage | DC11.5V~13V(1000MA) |
| Electronic consumption | 10W Max |
| Control | Bottom control / remote control |
| Application | Monitor, vehicle carriage, entertainment, home use, office |
| Application temperature | -20°C~+60°C |
| Receiving channel | VLF VHF UHF (including cable TV wave band) |
| Audio output | 150 mW |
| IR Frequency | 2.3~2.8Mhz (Optional) |
| FM Frequency | 88.7~89.4Mhz (Optional) |

## Remote controller functions

1. MUTE
2. AV/TV ----- VIDEO SWITCH
3. P.P ----- IMAGE MODE
4. SLEEP ----- TIME SET
5. 0-9 ----- NUMBER BUTTON
6. POWER SWITCH
7. CH(+/-) ----- CHANNEL(+/-)
8. OSD MENU
9. VOL(+/-) ----- VOLUME(+/-)
10. SYS ----- IMAGE LEFT/RIGHT/UP/DOWN
11. -/-- ----- SELECT ODD OR DOUBLE




## Remote controller instruction

The average life of the battery will be nearly one year. It also depends on using condition. When the battery's power become weak and the working range of the remote controller will shrink. The CR2025 lithium battery should be replaced with a new one.

## Precaution for lithium battery

1. The battery should be put on the place where is unavailable for children, supposing it is wallowed by mistaken, consult the doctor immediately.
2. Wipe the battery with dry cloth to keep good connection.
3. Insert the battery with the right direction.
4. Do not hold the battery with mental pincers, or it may cause shore Circuit.

## Installation of battery

1. Press the lock and pull out battery box.
2. Insert the new battery into the box with positive electrode facing above.
3. Install the box at the initial place.

## Basic operation

**Operation for receiving telescopic antenna signal**

1. Take out the accessory, antenna conversion line.
2. Connect the two end of the line with respective antenna jack.
3. Connect the power with product and power up.
4. Pull out antenna.
5. Press AV/TV button to select TV.
6. Press AUTO, it will automatic search channel.
7. In TV state, IR function will turn on automatically.

**Operation for receiving cable TV program**

1. Align the end of cable with antenna jack.
2. Connect power with LCD and power up.
3. Press AUTO, it will search channel automatically.
   The cable TV program can be watched after it finish search.

**Connection method of AV conversion line**

1. Insert the external video line into the yellow video jack, the audio line into red audio jack.
2. Connect power with DC jack on the side of LCD or USB line DC jack.
3. Power up both appliances, select AV by pressing AV/TV button and enjoy your favorite program.

## Selection and adjustment of function

1. Press POWER button
2. Press AV/TV button and select program
3. Press MENU button and select items which need to be adjusted like brightness contrast ratio, select sub menu by pressing CH+/-. Press VOL+/- to adjust them
4. Press CH+/- to select TV channel
5. Press VOL+/- to adjust volume

## MENU function

CN/ENG menu language choice

Voice mode choice: D/K I B/G M

Color mode choice: PAL NTSC SECAM PAL-M
PAL-N

Search function: manual search function / automatism search function

## Precaution before operation

To ensure safety and avoid the accident, please read over the item below before installing and operating the product safety.
The local traffic rule must be complied with.
Drivers are forbidden to operate the product during driving. It increases the possibility of causing accident. Please watch and operate it after stopping the car at safety place.
Do not insert the finger or other object into the machine body while power is on, it may damage LCD, The small components should be placed where is unavailable for children.
Do not touch both antenna and monitor simultaneously in the time of thunder, which may cause you electronic shook. In the direct sunlight, the temperature in the car will increase considerably, it should be cooled down before operation.

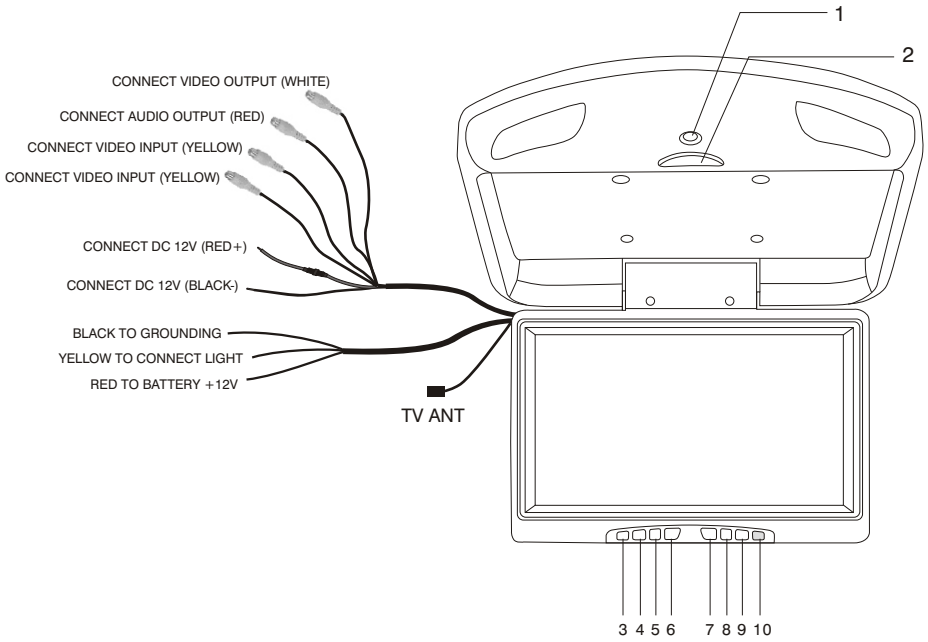
## Precaution before installation

The qualifier technical or maintainer are suggested to setup the LCD.
Turn off the ignition switch before installing it, or it may cause electric circle failure.
Do not damage the parts in the car like pipe, gasoline-tank and wire, which will result in flame.
Location of installation the places below are forbidden to install the product .
It may block the driver's view.
It may disturb driving especially operating the steering-wheel, gear shift or brake.

## Maintenance for the product

E product to the chemical like insecticide or insectifuge.
Keep the product away from the plastic material, or it will make the lacquer out of shape.

## Wiring Diagram




## Key Functions

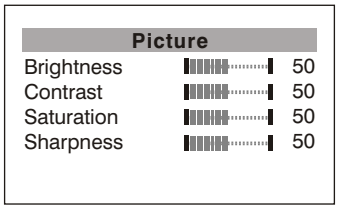
1. LIGHT SWITCH/TIME ADJUSTMENT

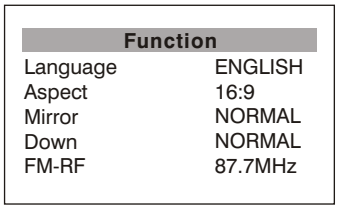
| | | |
|---|---|---|
| 2. OPEN | 5. V- | 8. CH- |
| 3. POWER | 6. V+ | 9. CH+ |
| 4. AV/TV | 7. MENU | 10. REMOTE CONTROL |

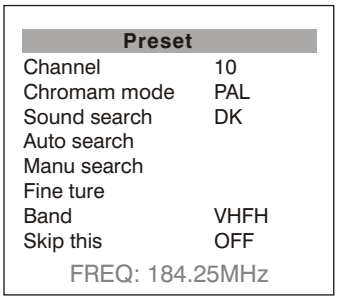
☼ key

A. Light switch
During initialization mode; Press ☼ shortly to switch on/off light.
B. Time adjustment
During any mode, Press ☼ 3 seconds to enter time adjustment mode.
The HOUR is twinkling, Press ☼ shortly to adjust the correct number
Press ☼ 3 seconds to finish hour adjustment and adjust MINUTE.
The MINUTE is twinkling, Press ☼ shortly to adjust the correct number.
Press ☼ 3 seconds again to finish time adjustment.

## Menu inner display item




## Precaution

### Remote controller

1. Do not put the remote controller on the panel, steering-wheel and other place exposed to direct sunlight, in summer, the high temperature will make controller out of shape.
2. The remote controller should be placed in the toolbox and other safe place.
3. In direct sunlight, the signal from remote controller may not be received by monitor, the remote controller should be approached to the monitor.

### LCD

1. Do not press the screen, or it may make picture unclear and cause other malfunction.
2. Wipe the screen with soft cloth dipped with water, Never use the chemical like Gasoline, alcohol and cleanser.
3. The LCD should be played in temperature from (-40)～(+60)°C
4. Too hot or too cold environment may make picture unclear, it isn't failure with monitor, when temperature in the car get to room temperature, picture will be clear. A few high lights or dark spots may occur on the screen, it is a common phenomenon. To the active matrix display technology, the LCD display screen is very precision.
   A few high lights and dark spots will not affect watching.

## Before you request for repair

Phenomena below does not necessary mean failure with product, please check off per following methods before you request for repair.

| Phenomena | Possible cause |
|---|---|
| No picture, No sound | Improper connection with AC adapter or automobile adapter, use of unauthorized power supply, Power switch is on OFF position. |
| No image | Whether the correct channel selected. Automatically set up the receiving channel again, any new place is subject to re-setup of channels. |
| Weak signal | Improper location of antenna. |
| Dark picture | Whether brightness and contrast adjust correctly. Whether environment temperature too low. |
| Unclear or unstable | Whether antenna adjusted correctly, maybe too weak. Image signal received at the receiving place. |
| Snowstorm | Maybe under wave interference of automobile motortrain, high voltage line and neon light. |
| Achromatic or flashing color | Whether color adjusted well, whether the decoloration actions under the color system with too weak proper signal |

## Package list

| Sequence | Name | Quantity | Remark |
|---|---|---|---|
| 1 | LCD monitor | 1 | |
| 2 | Remote controller | 1 | |
| 3 | Instruction Manual | 1 | |